

=> d his

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(FILE 'USPAT' ENTERED AT 10:22:41 ON 11 SEP 1997)
L1      31522 S VOLUME AND NOISE
L2      34 S L1 AND CELP
L3      2709 S L1 AND PITCH
L4      197 S L3 AND 395/CLAS
L5      143 S L4 AND SPEECH
L6      93 S L5 AND TRANSM?
L7      86 S L6 AND RECEIV?
L8      203 S NOISE (W) (REDUCTION OR SUPPRESS?) AND 395/CLAS
L9      8 S L8 AND SPEECH AND (CELP OR VSLEP)
L10     0 S NOISE SUPRESSION SYSTEMS
        E BORTH
L11     49 S E3
L12     0 S L11 AND SUPRESSION
L13     409 S (NOISE (W) (REDUCTION OR SUPRESS?)) AND 381/CLAS
L14     96 S L13 AND SPEECH
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1. 5,659,622, Aug. 19, 1997, Method and apparatus for suppressing noise in a communication system; James P. Ashley, 381/94.1; 395/2.36 :IMAGE AVAILABLE:

2. 5,649,055, Jul. 15, 1997, Voice activity detector for speech signals in variable background noise; Prabhat K. Gupta, et al., 395/2.42, 2.17, 2.19, 2.22, 2.23, 2.24, 2.35, 2.57, 2.62 :IMAGE AVAILABLE:

\* 3. 5,533,133, Jul. 2, 1996, Noise suppression in digital voice communications systems; Allan Lamkin, et al., 381/94.5; 395/2.35 :IMAGE AVAILABLE: kl

4. 5,491,771, Feb. 13, 1996, Real-time implementation of a 8Kbps CELP coder on a DSP pair; Prabhat K. Gupta, et al., 395/2.32, 2.28 :IMAGE AVAILABLE:

\* 5. 5,459,814, Oct. 17, 1995, Voice activity detector for speech signals in variable background noise; Prabhat K. Gupta, et al., 395/2.42, 2.23, 2.24, 2.35 :IMAGE AVAILABLE: kl

6. 5,388,182, Feb. 7, 1995, Nonlinear method and apparatus for coding and decoding acoustic signals with data compression and noise suppression using cochlear filters, wavelet analysis, and irregular sampling reconstruction; John J. Benedetto, et al., 395/2.14, 2.12, 2.2 :IMAGE AVAILABLE:

7. 5,140,638, Aug. 18, 1992, Speech coding system and a method of encoding speech; Timothy J. Moursley, et al., 395/2.28, 2.38 :IMAGE AVAILABLE:

8. 4,969,192, Nov. 6, 1990, Vector adaptive predictive coder for speech and audio; Juin-Hwey Chen, et al., 395/2.31, 2.28 :IMAGE AVAILABLE: